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(11) **EP 1 078 894 A3**

(12) **EUROPEAN PATENT APPLICATION**

(88) Date of publication A3:
09.01.2002 Bulletin 2002/02

(51) Int Cl.7: **C03C 3/16**, C03C 3/19,
C03C 3/21

(43) Date of publication A2:
28.02.2001 Bulletin 2001/09

(21) Application number: 00306781.6

(22) Date of filing: 09.08.2000

(84) Designated Contracting States:
**AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU
MC NL PT SE**
Designated Extension States:
AL LT LV MK RO SI

- Tsuchiya, Koichi
Urawa-shi, Saitama-ken (JP)
- Nagahama, Shinobu
Urawa-shi, Saitama-ken (JP)

(30) Priority: 20.08.1999 JP 23398999

(71) Applicant: **SUMITA OPTICAL GLASS, INC.**
Urawa-shi, Saitama-ken (JP)

(74) Representative:
Baverstock, Michael George Douglas et al
BOULT WADE TENNANT, Verulam Gardens 70
Gray's Inn Road
London WC1X 8BT (GB)

(72) Inventors:
• Nakahata, Koji
Urawa-shi, Saitama-ken (JP)

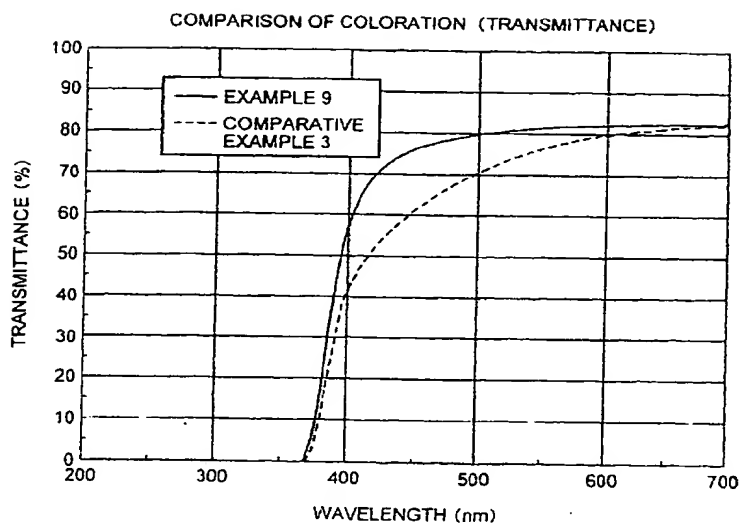
(54) **Optical glass for precision molding**

(57) An optical glass for precision molding, having excellent properties, i.e. yield temperature (At) of at most 550 °C, refractive index (nd) of at least 1.83 and Abbe number (vd) of at most 26.0 and further providing low softening as well as improved mass production capability with less coloration, which is represented, in term of atoms for making up the glass, by the following chemical composition (wt %):

P ₂ O ₅	14.0 to 31.0 %
B ₂ O ₃	0 to 5.0 %
GeO ₂	0 to 14.0 %
Sum of P ₂ O ₅ + B ₂ O ₃ + GeO ₂	14.0 to 35.0 %
Li ₂ O	0 to 6.0 %
Na ₂ O	2.5 to 14.0 %
Sum of Li ₂ O + Na ₂ O	2.5 to 15.0 %
Nb ₂ O ₅	22.0 to 50.0 %
WO ₃	0 to 30.0 %
Bi ₂ O ₃	5.0 to 36.0 %
BaO	0 to 22.0 %

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FIG. 1





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EUROPEAN SEARCH REPORT

Application Number
EP 00 30 6781

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The present search report has been drawn up for all claims			TECHNICAL FIELDS SEARCHED (Int.Cl.7)
			C03C
Place of search THE HAGUE		Date of completion of the search 20 November 2001	Examiner Van Bommel, L
<p>CATEGORY OF CITED DOCUMENTS</p> <p>X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document</p> <p>T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document</p>			

EP-1 FORM (303 03 82 (P)AL(01))

**ANNEX TO THE EUROPEAN SEARCH REPORT
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EP 00 30 6781

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